CENTRAL FAX CENTER JAN 1 5 2009

Appln. Serial No. 09/773,054 Amendment Dated January 15, 2009 Reply to Office Action Mailed October 15, 2008

1-4. (Cancelled)

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

(Previously Presented) A method for servicing an inkjet printer including an 5. 1 inkjet printhead with a nozzle plate and a first service module removably installed on the printer, 2 comprising: 3

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer;

removing the first service module from the printer;

9 installing the second service module in the printer in place of the first service module; 10

using the second service module, conducting a special printhead-related servicing

12 operation.

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- (Previously Presented) The method of claim 5, further comprising: 6. 1 after completion of the special printhead-related servicing operation, removing the 2 second service module from the printer; and 3
- installing the first service module in the printer in place of the second service module. 4

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7. (Previously Presented) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and in place of the first service module;

providing a set of instructions for using the second service module with the inkjet printer to the printer user, wherein the step of providing a set of instructions includes providing a set of machine readable printer instruction code for loading into the printer.

1 8. (Previously Presented) The method of claim 7 wherein the printer is controlled 2 by a host computer, and wherein the step of providing the set of instructions includes 3 downloading the set of printer instruction code from the host computer.

9 - 13. (Cancelled)

14. (Previously Presented) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and in place of the first service module, wherein said printhead-related service condition includes ink on a printhead carriage interconnect, and the second service module includes a brush arranged to clean the interconnect.

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1 15. (Currently Amended) A method for servicing an inkjet printer including an inkjet printer with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module being in an un-worn condition;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, the second service module removably installable on the printer and in place of the first service module, wherein said printhead-related service condition includes vibration or shock incurred during shipment or moving of the printer, and the second service module includes a special capping structure having a range of movement along an axis generally perpendicular transverse to a nozzle array of the printhead, and a bias structure which urges the capping structure toward and into engagement with the printhead during a capping procedure.

16. (Original) The method of claim 15 wherein the special capping structure includes a relative hard, non-resilient cap structure which contains the printhead during the capping procedure.

17 - 18. (Cancelled)

(Previously Presented) A method for servicing an inkjet printer including an 19. 1 inkjet printhead and a removable first service module, comprising: 2 providing a second service module different from the first service module and adapted to 3 address a printhead-related service condition not adequately addressed by the first service 4 module being in an un-worn condition, the second service module removably installable on the 5 printer and in place of the first service module; 6 providing a set of instructions for using the second service module with the inkjet printer 7 to the printer user, wherein the step of providing a set of instructions includes providing a set of 8 machine readable printer instruction code for loading into the printer; 9 installing the second service module in the printer; 10 conducting a printhead-related service operation using the second service module. 11 (Previously Presented) A method for servicing an inkjet printer including an 20. 1 inkjet printhead and a removable first service module, comprising: 2 providing a second service module different from the first service module and adapted to 3 address a printhead-related service condition not adequately addressed by the first service 4 module being in an un-worn condition, the second service module removably installable on the 5 printer and in place of the first service module; 6 providing a set of instructions for using the second service module with the inkjet printer 7 to the printer user, wherein the printer is controlled by a host computer, and the step of providing 8 a set of instructions includes downloading the set of printer instruction code from the host 9 10 computer; installing the second service module in the printer; 11 conducting a printhead-related service operation using the second service module. 12

21. (Canceled)

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(Previously Presented) A method for servicing an inkjet printer including an 22. 1 inkjet printhead and a removable first service module, comprising; 2 providing a second service module different from the first service module and adapted to 3 address a printhead-related service condition not adequately addressed by the first service 4 module being in an un-worn condition, the second service module removably installable on the 5 printer and in place of the first service module; 6 installing the second service module in the printer; 7 conducting a printhead-related service operation using the second service module; 8 after completion of the printhead-related servicing operation, removing the second 9 service module from the printer; and 10 installing the first service module in the printer in place of the second service module. 11

23 - 26. (Cancelled)

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inkjet printhead and a removable first service module, comprising: 2 providing a second service module different from the first service module and adapted to 3 address a printhead-related service condition not adequately addressed by the first service 4 module being in an un-worn condition, the second service module removably installable on the 5 printer and in place of the first service module;

(Previously Presented) A method for servicing an inkjet printer including an

installing the second service module in the printer; 7 conducting a printhead-related service operation using the second service module; 8 wherein said printhead-related service condition includes ink on a printhead carriage 9 interconnect, and the second service module includes a cleaning element arranged to clean the 10 interconnect during a special cleaning mode with the printhead removed from the carriage.

28 - 29. (Cancelled)

•	30. (Currently Amended) An apparatus for use in an inkjet printing system including
i	an inkjet printhead and a standard service module removably installed in the printing system, the
2	an inkjet printhead and a standard service module removably installed in the
3	apparatus comprising a special service module configured to be removably installed in the
4	printing system in place of the standard service module to perform a special service function on
5	the printhead which is not performed by the standard service module being in an un-worn
	condition, the special service module removably installable [[on]] in the printing system printer
б	condition, the special service module removably manufactor (1991)
7	and in place of the standard service module, wherein the special service module includes a
8	housing and at least one component mounted to the housing to perform the special service
9	function.
ı	31. (Previously Presented) A method for servicing an inkjet printer including an

(Previously Presented) A method for servicing an inkjet printer including a inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition;

removing the first service module from the printer;

installing the second service module in the printer in place of the first service module; using the second service module, conducting a special printhead-related servicing

operation;

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11 after completion of the special printhead-related servicing operation, removing the 12 second service module from the printer; and 13

installing the first service module in the printer in place of the second service module. 14

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32. (Currently Amended) A method for servicing an inkjet printer including an inkjet printhead with a nozzle plate and a first service module removably installed on the printer, comprising:

identifying a printhead-related service condition not adequately addressed by servicing the printer with the first service module in an un-worn condition, said printhead-related service condition including vibration or shock incurred during shipment or moving of the printer;

providing a second service module with a service function different from the first service module and adapted to address said printhead-related service condition, wherein the second service module includes a special capping structure having a range of movement along an axis generally perpendicular transverse to a nozzle array of the printhead, and a bias structure which urges the capping structure toward and into engagement with the printhead during a capping procedure, and wherein the special capping structure including a relative hard, non-resilient cap structure which contacts the printhead during the capping procedure; and

performing the capping procedure with the second service module installed in the printer, and maintaining contact between the non-resilient cap structure and the printhead to prevent a pumping action on the printhead when subjected to vibration and shock.

33. (Previously Presented) The method of claim 32, wherein a constant closed volume is maintained between the cap structure and the printhead during the capping procedure.

34 – 44. (Cancelled)

- 1 45. (Previously Presented) An inkjet printing system, comprising:
- 2 an inkjet printhead;
- 3 a service area for performing service functions on the printhead;
- a first service module for removable mounting at the service area to perform service functions on the printhead during a standard printhead service mode;
 - a second service module for removable mounting at the service area in place of the first service module to perform a different service function from that performed by the first service module in an un-worn condition on the printhead during a special printhead service mode.

1	46. (Previously Presented) The system of Claim 45 further comprising:
2	a printhead carriage for mounting the printhead and arranged for traversing movement
3	along a print area and for moving to the service area;
4	a service carriage for removably mounting the first service module or the second service
5	module.